

WHAT IS CLAIMED IS:

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1. A component managing control system comprising:
a component information storage server which stores
a component information with respect to a wholeness of a
5 hardware and a firmware to compose a product;
a rule information storage server which stores a rule
information upon registering said component information in
said component information storage server; and
a registration client, which is connected to said
10 component information storage server and said rule
information storage server via a network, which registers
said component information in said component information
storage server on the basis of said rule information, which
is derived from said rule information storage server.
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2. A component managing control system according to claim
1, wherein said plural component information storage servers
are provided and plural and various component information
is distributed and stored in said plural component
20 information storage servers, respectively.
3. A component managing control system according to claim
1, comprising a meta information storage server, which is
connected to said network, which stores a meta information
25 having a layered construction of at least component

information; wherein said registration client registers said meta information in said meta information storage server and registers said component information in said component information storage server.

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4. A component managing control system according to claim 1, said registration client registers said component information, which is described by an XML.

10 5. A component managing control system according to claim
1, comprising rule verification means for verifying a
deliberation result of a written rule, which is a source of
said rule information, and registering a rule information
in response to the verification result in said rule
15 information storage server.

6. A component managing control system according to claim 1, comprising agent means for deducing said rule information.

7. A component managing control system according to claim 6, wherein said agent means evaluates the deduction result of said rule information by a 0/1 detection.

8. component managing control system according to claim 6, wherein said agent means evaluates the deduction result of said rule information by a fuzzy detection from 0 to 1.

5 9. A component managing control system according to claim 8, comprising replacing means for repeatedly replacing a DTD information of said component information, which is described by the XML by using a predetermined method so that the evaluation value in said agent means becomes maximum or
10 minimum, when the evaluation value does not satisfy a target value.

10. A component managing control system comprising:
a component information storage server which stores
15 a component information with respect to a wholeness of a hardware and a firmware to compose a product;

a rule information storage server which stores a rule information upon making reference to/receiving said component information from said component information
20 storage server; and

a reference/receipt client, which is connected to said component information storage server and said rule information storage server via a network, which makes reference to/receiving said component information from said
25 component information storage server on the basis of said

rule information, which is derived from said rule information storage server.

11. A component managing control system according to claim
5 10, comprising rule verification means for verifying a
deliberation result of a written rule, which is a source of
said rule information, and registering a rule information
in response to the verification result in said rule
information storage server.

12. A component managing control system according to claim
10, comprising agent means for deducing said rule
information.

13. A component managing control system according to claim
15 12, wherein said agent means evaluates the deduction result
of said rule information by a 0/1 detection.

14. A component managing control system according to claim
20 12, wherein said agent means evaluates the deduction result
of said rule information by a fuzzy detection from 0 to 1.

15. A component managing control system according to claim
14, comprising replacing means for repeatedly replacing a
25 DTD information of said component information, which is

described by the XML by using a predetermined method so that the evaluation value in said agent means becomes maximum or minimum, when the evaluation value does not satisfy a target value.

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16. A computer readable recording medium for recording a component managing control program applicable to a registration client, which is connected to said component information storage server for a storing a component information with respect to a wholeness of a hardware and a firmware to compose a product and said rule information storage server for storing a rule information upon registering said component information in said component information storage server via said network; wherein said computer readable recording medium records said component managing control program to make the computer execute registration step for registering said component information in said component information storage server on the basis of said rule information, which is derived from said rule information storage server.

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17. A computer readable recording medium for recording a component managing control program applicable to a reference/receiving client, which is connected to said component information storage server for a storing a

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